



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

(Use as many sheets as necessary)

Attorney Docket No.	GSKB-120US
---------------------	------------

SHEET 1 of 3

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for Form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/018,672
Filing Date	April 18, 2002
First Named Inventor	Joelle THONNARD
Art Unit	1645
Examiner Name	Padmavathi Baskar
Attorney Docket No.	GSKB-120US

SHEET 2 of 3

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		COLMAN, "Effects of amino acid sequence changes on antibody-antigen interactions," <i>A Structural View of Immune Recognition by Antibodies, Research in Immunology</i> , 1994, Vol. 145, Issue 1, pp. 33-36.	<input type="checkbox"/>
		ABAZA et al., "Effects of Amino Acid Substitutions Outside an Antigenic Site on Protein Binding to Monoclonal Antibodies of Predetermined Specificity Obtained by Peptide Immunization: Demonstration with Region 94-100 (Antigenic Site 3) of Myoglobin," <i>Journal of Protein Chemistry</i> , Vol. 11, No. 5, 1992, pp. 433-444.	<input type="checkbox"/>
		ARNON et al., "Structural basis of antigenic specificity and design of new vaccines," <i>The FASEB Journal</i> , November 1992, Vol 6, pp. 3265-3274.	<input type="checkbox"/>
		"Synthesis of Multiple Peptides on Plastic Pins," <i>Current Protocols in Immunology</i> , John Wiley & Sons, 1997, units 9.7.1-9.7.19.	<input type="checkbox"/>
		REECE et al., "Scanning for T helper epitopes with human PBMC using pools of short synthetic peptides," <i>Journal of Immunological Methods</i> , 1994, Vol. 172, No. 2, pp. 241-254.	<input type="checkbox"/>
		GEYSEN et al., "Use of peptide synthesis to probe viral antigens for epitopes to a resolution of a single amino acid," <i>Proc. Natl. Acad. Sci. USA</i> , July 1984, Vol. 81, pp. 3998-4002	<input type="checkbox"/>
		REECE et al., "Mapping the Major Human T Helper Epitopes of Tetanus Toxin," <i>The Journal of Immunology</i> , 1993, Vol. 151, pp. 6175-6184.	<input type="checkbox"/>
		DILLNER et al., "Antibodies against a synthetic peptide identify the Epstein-Barr virus-determined nuclear antigen," August 1984, <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 81, pp. 4652-4656	<input type="checkbox"/>
		NIMAN et al., "Generation of protein-reactive antibodies by short peptides is an event of high frequency: Implications for the structural basis of immune recognition," August 1983, <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 80, pp. 4949-4953.	<input type="checkbox"/>
		SHINNICK et al., "Synthetic Peptide Immunogens As Vaccines," 1983, <i>Ann. Rev. Microbiol.</i> , Vol. 37, pp. 425-446.	<input type="checkbox"/>
		GEYSEN et al., "Small peptides induce antibodies with a sequence and structural requirement for binding antigen comparable to antibodies raised against the native protein," January 1985, <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 82, pp. 178-182.	<input type="checkbox"/>
		FLEISCHMAN et al., "Whole Genome Random Sequencing and Assembly of Haemophilus Influenza Rd," 1995, <i>Science</i> , 269:5223, pp. 496-512.	<input type="checkbox"/>
		SALI et al., "Three-dimensional Models of Four Mouse Mast Cell Chymases," <i>The Journal of Biological Chemistry</i> , Vol. 268, No. 12, April 25, 1993, pp. 9023-9034.	<input type="checkbox"/>

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).

²Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for Form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/018,672
Filing Date	April 18, 2002
First Named Inventor	Joelle Thonnard
Art Unit	1645
Examiner Name	Padmavathi Baskar
Attorney Docket No.	GSKB-120US

SHEET 3 of 3

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		JAMESON et al., "The antigenic index: a novel algorithm for predicting antigenic determinants, <i>CABIOS</i> , Vol. 4, No. 1, 1988, pp. 181-186.	<input type="checkbox"/>
		KING et al., "Identification and application of the concepts important for accurate and reliable protein secondary structure prediction," <i>Protein Science</i> , 1996, 5:2298-2310.	<input type="checkbox"/>
		http://dict.die.net/property	<input type="checkbox"/>
		http://wordnet.princeton.edu/perl/webwn	<input type="checkbox"/>
			<input type="checkbox"/>

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).

²Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2